

# Oil, Gas and Coal: Conventional Energy in Utah

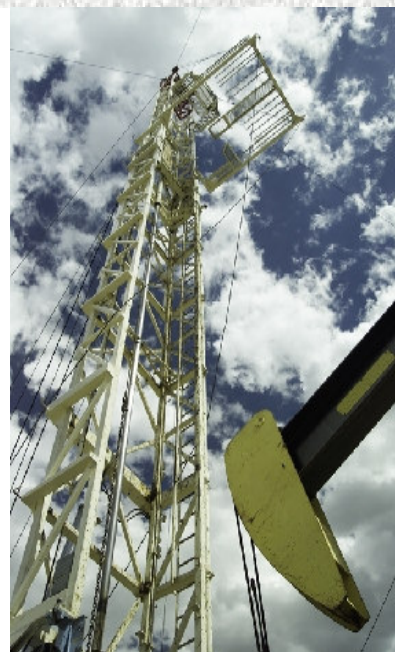
## QUICK FACTS

- The Gas, Coal, Oil and Natural Resource industries provide 22,900+ jobs in Utah
- 98.5% of energy produced in Utah is from Coal, Oil and Gas
- Industry job pays 171% the average monthly wage in Utah
- Provides over \$230,000,000 in direct revenues to State
- Over 3,600 oil wells, 6,300 gas wells & 10 operating coal mines

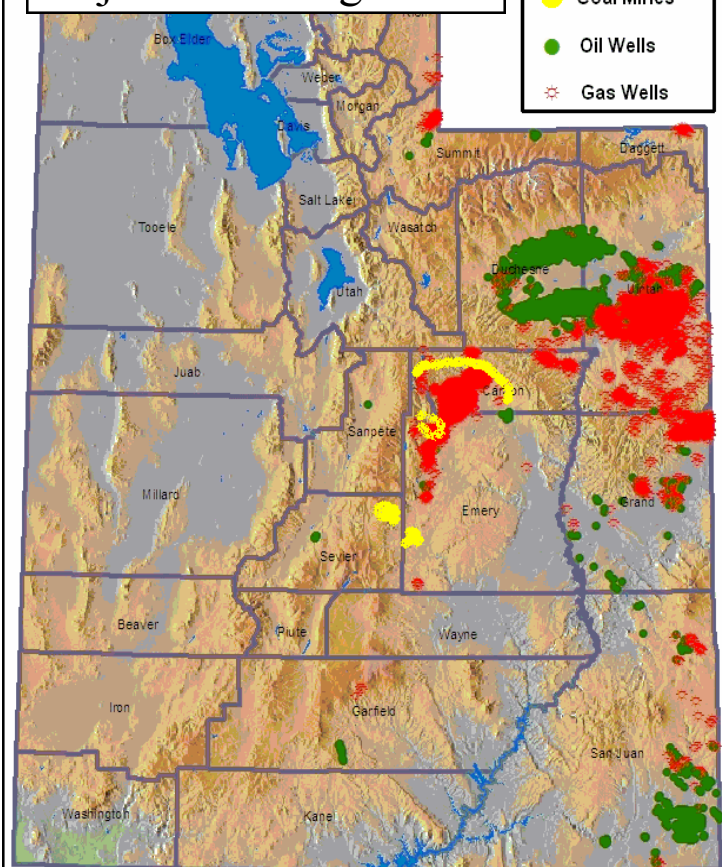
## UTAH: ENERGY ABUNDANCE

	Coal (MMt)	Oil (MMbbls)	Gas (Bcf)
<b>Production</b>	21	45	436
<b>Production - US Rank</b>	13th	11th	9th
<b>Reserves</b>	202-505	286	7,257
<b>Reserves - US Rank</b>	15th	8th	9th
<b>Years Remaining</b>	10-25	6	16.7

Source: Utah Geological Survey



## Major Producing Areas



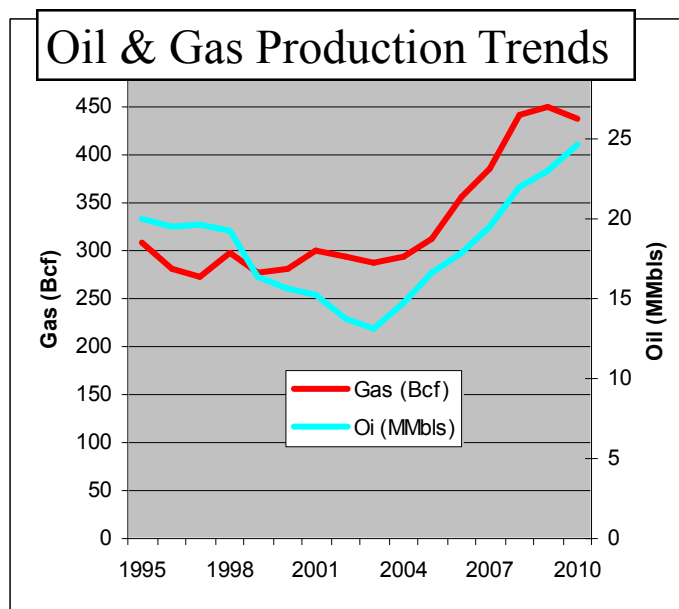
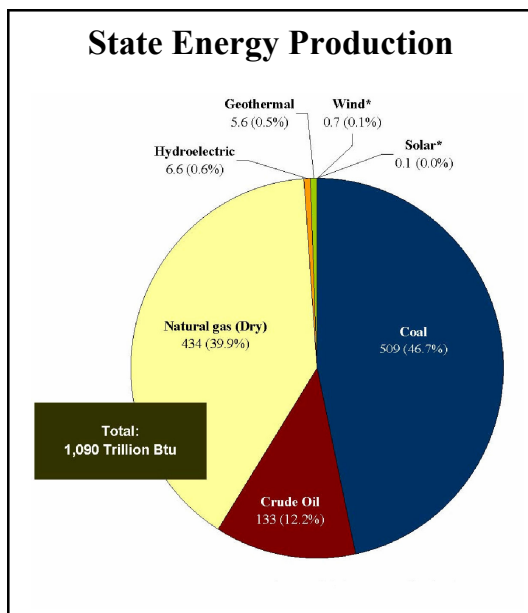
"Because of our vast natural resources, Utah can lead our nation in the development of both traditional and renewable energy resources."

-Governor Gary Herbert

"The mining of coal, minerals, oil and natural gas production play an important part in Utah's economy, and without these natural resources we would not enjoy the standard of living we do in our modern society."

-John Baza, DOGM





## BRIEFING

**COAL:** Coal has been mined throughout Utah for over 100 years. One of the main reasons that electricity is so affordable in Utah compared to other States is that coal provides over 95% of electricity produced in Utah and has always been among the most dependable, inexpensive producers of baseload electricity in Utah and beyond.

**NATURAL GAS:** The natural gas industry is thriving in Utah. Increased activity in the Uintah basin has boosted production to levels not seen in over a decade. Natural gas is produced in Utah through a variety of means, including: conventional wells, shale-gas and coal-bed methane plays.

**OIL:** Utah has long been a major producer of oil. The 11th largest producing state with the 8th largest proven reserves assures that it will remain this way for a long time. The last several years has seen a tremendous increase in production from its nadir in 2003. Even with the impressive increase, production met less than half of petroleum consumption in Utah. The majority of oil consumed at refineries in Utah is imported from other states (and Canada) via pipeline.

### TOP 5 COMPANIES: 2001—2010 PRODUCTION

Rank	Company	Oil (MMbbls)	Company	Gas (Bcf)	Company	Coal (MMst)
1	Newfield	29.7	Kerr-McGee	549.9	Canyon / Arch	129.3
2	Resolute	17.6	ConocoPhillips	386.2	Energy West	38.5
3	Wolverine	12.8	EOG Resources	321.4	West Ridge	30.5
4	ExxonMobil	11.5	Bill Barrett Corp	170.1	GENWAL	13.0
5	Berry Petroleum	10.0	Anadarko	169.4	UtahAmerican	10.1

*Source: UGS Tables 2.8, 3.9, 4.7*